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SEP 09 2005**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**In re the Application of: **Schmidt**Docket Number: **TI-30673**Serial No.: **09/635,146**Art Unit: **2666**Filed: **08/08/2000**Examiner: **M.J. Moore, Jr.**

For: **WIRELESS PACKET COMMUNICATIONS WITH EXTENDED ADDRESSING
CAPABILITY**

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FACSIMILE COVER SHEET

<input checked="" type="checkbox"/> FACSIMILE COVER SHEET	<input type="checkbox"/> AMENDMENT (# Pages)
<input type="checkbox"/> NEW APPLICATION	<input checked="" type="checkbox"/> Interview Summary (4 Pages)
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<input type="checkbox"/> DIVISIONAL APP'N	
NAME OF INVENTOR(S): Schmidt	
RECEIPT DATE & SERIAL NO.: 09/635,146	
TITLE OF INVENTION: WIRELESS PACKET COMMUNICATIONS WITH EXTENDED ADDRESSING CAPABILITY	
FILING DATE: August 8, 2000	
TI FILE NO.: TI-30673	DEPOSIT ACCT. NO.: 20-0668
DATE FAXED: September 9, 2005	
DUE:	
ATTY/SECY: Robert N. Rountree	

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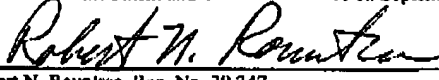
SEP 09 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re the Application of: **Schmidl**Serial No.: **09/635,146**Filed: **August 8, 2000**Attorney Docket No.: **TI-30673**Examiner: **M.J. Moore, Jr.**Art Unit: **2666**For: **WIRELESS PACKET COMMUNICATIONS WITH EXTENDED ADDRESSING
CAPABILITY**

INTERVIEW SUMMARY UNDER 37 CFR 1.133(b)

September 9, 2005

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450I hereby certify that the above correspondence is being facsimile
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Robert N. Rountree, Reg. No. 39,347

Examiner Moore contacted Robert N. Rountree, Attorney for Applicants, on September 8, 2005 to disclose a new reference. A telephonic interview was conducted on September 9, 2005, between Examiner Michael J. Moore, Jr. and Robert N. Rountree regarding the new reference. A summary of that interview in the format of form PTOL-413 is given below as required by 37 CFR 1.133(b) when reconsideration is requested.

TI-30673, Page 1

- (A) Application No.: 09/635,146
- (B) Applicant: Schmidl
- (C) Examiner: Michael J. Moore, Jr.
- (D) Date: September 9, 2005
- (E) Type: Telephonic
- (F) Attorney for Applicant: Robert N. Rountree, Reg. No. 39,347
- (G) No exhibit or demonstration was conducted.
- (H) Claims 11, 26, and 29 were discussed.
- (I) Prior Art: Balachandran et al. (U.S. Pat. No. 6,115,394).
- (J) The following issues were discussed.

Examiner Moore stated that claims 1-10, 16-18, and 20-23 were allowed. Discussion was limited to independent claims 11, 26, and 29. Examiner Moore proposed limiting these claims to Bluetooth applications. After due consideration, Examiner Moore and Rountree discussed the following.

Balachandran et al. disclose a method of wireless communication via existing Ethernet protocol. At Figure 2B, Balachandran et al. disclose establishing a communication link between source and destination with an initial data packet to assign an alias address. This alias address is then used with subsequent data packets as shown in Figure 2A. Thus, the data packet header size is reduced by using only the alias address. A single byte alias address, however, may be insufficient when users exceed available address space. This causes continuous reassignment of alias addresses or "churning." (col. 7, line 61 through col. 8, line 7). Balachandran et al. disclose "churning" is determined by monitoring a ratio of link-establishment requests to data packets transmitted, (col. 8, lines 30-36). When "churning" is detected, the alias address field may be extended to more than one byte as shown at Figure 5B. (col. 8, lines 41-43).

Independent claim 11 recites "providing identification information which identifies a recipient packet communication device for which the packet is intended; responsive to the

identification information, a transmitting packet device producing address information indicative of the intended recipient device and extending the address field of the packet to accommodate the address information and providing the address information in the extended address field.”

Balachandran et al. **do not** disclose extending an address field in response to identification information which identifies a recipient packet communication device for which the packet is intended as required by claim 11.

Independent claim 29 recites “a packet processor coupled to said communication interface for using error check information from the received packet to determine whether the address field of the received packet is an extended length address field.” Balachandran et al. **do not** disclose using error check information to determine the presence of an extended address field as required by claim 29. Thus, claims 11 and 29 and their respective depending claims 12-13, 15, and 30-32 are patentable without amendment.

Rountree agreed to amend independent claim 26 as follows by Examiner’s amendment or subsequent response to an Office Action.

26. (Currently amended) A packet communication apparatus for communicating a packet of information to a further packet communication apparatus, the packet including a predetermined address field for carrying address information indicative of an intended recipient of the packet, comprising:

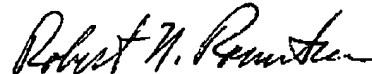
a packet processor for selectively extending said address field of the packet to accommodate said address information in response to information in said predetermined address field, said packet processor further for providing said address information in said extended address field; and

a wireless communication interface coupled to said packet processor for transmitting the packet on a wireless communication link.

As previously discussed, Balachandran et al. disclose extending an address field in response "churning." Balachandran et al. do not disclose extending an address field in response to information in said predetermined address field. Referring to the embodiment of the present invention in Figures 1 and 2 of the instant specification, information in address field AM_ADDR is used to selectively extend an address field. If the AM_ADDR field includes bits 001-110 for users 1-6, extended addressing is not used. Alternatively, if the AM_ADDR field includes bits 111, the TYPE field receives the extended address.

Examiner Moore agreed to discuss the foregoing issues and proposed amendment with his SPE and call Rountree next week.

Respectfully submitted,



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